

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. - 4. (Cancelled)

5. (Previously presented) A method of reducing a flow-induced disturbance on an actuator arm of a disc drive, comprising redirecting a portion of a tangential gas flow generated by a rotation of a first disc of the disc drive along a surface mechanically isolated from the actuator arm and toward an inner diameter of the disc.

6. (Previously presented) The method of claim 5 in which the disc has a nominal radius R and in which the surface defines a channel comprising a radius of curvature greater than R/100.

7. (Previously presented) The method of claim 6 in which the disc drive further includes a second disc configured for co-rotation with the first disc, and in which the channel spans both discs so that the redirected gas flow enters a space between the discs.

8. (Currently amended) ~~The method of claim 5 wherein the redirected portion of the gas flow combines with the rest of the tangential gas flow upstream of the actuator arm~~ A method of reducing a flow-induced disturbance on an actuator arm of a disc drive, comprising redirecting a portion of a tangential gas flow generated by a rotation of a first disc of the disc drive along a surface mechanically isolated from the actuator arm and impinging the redirected portion on an outer edge of the first disc in a direction toward an inner diameter of the disc.

9. (Previously presented) The method of claim 8 comprising a second redirecting of the combined flows with the leading edge of the actuator arm before the combined flows travel $\frac{1}{4}$ of a revolution of the disc.

10. (Previously presented) The method of claim 5 wherein the redirected portion of the gas flow comprises a velocity that is at least 50% of the tangential gas flow velocity.

11. (Previously presented) The method of claim 6 in which the disc has a nominal radius R and in which the channel forms a lateral width that is greater than R/100.

12. – 15. (Cancelled)

16. (Previously presented) The method of claim 5 wherein the disc drive has a second disc configured for co-rotation with the first disc, and wherein the surface does not extend into a space between the first and second discs.

17. (Currently amended) A method of reducing a flow-induced disturbance on an actuator arm of a disc drive, comprising:

a first redirecting of a portion of a tangential gas flow generated by a rotation of a first disc of the disc drive along a surface mechanically isolated from the actuator arm and toward an inner diameter of the disc; and

The method of claim 5 comprising a second redirecting of the portion of the gas flow with the leading edge of the actuator arm before the redirected portion of the gas flow travels $\frac{1}{4}$ of a revolution of the disc.

18. (Withdrawn) A turbulence attenuation device for an actuator in a data reading and writing relationship with a rotatable storage media, comprising:

a shroud disposed adjacent to an edge of the disc adapted for defining a tangential fluid flow generated by a rotation of the media;

surfaces defining a channel in fluid communication with the shroud, the channel comprising an inlet adapted for admitting a portion of the tangential fluid flow in a direction away from the disc, and an opposing outlet directing the portion of the tangential fluid flow toward an inner diameter of the disc.

19. (Withdrawn) The device of claim 18 wherein the storage media defines a radius R , and wherein the surfaces define a radius of curvature of the channel that is greater than $R/100$.

20. (Withdrawn) The device of claim 18 wherein the storage media comprises two stacked discs, and wherein the channel spans a space between the discs for directing the portion of the tangential fluid flow into the space between the discs.

21. (Withdrawn) The device of claim 18 wherein the portion of the tangential fluid flow after passing through the outlet combines with the rest of the tangential fluid flow upstream of the actuator.

22. (Withdrawn) The device of claim 18 wherein the channel is sized to accommodate a fluid flow velocity therein that is at least 50% of the tangential fluid flow.

23. (Withdrawn) The device of claim 19 wherein wherein the channel forms a lateral width that is greater than $R/100$.

24. (Withdrawn) A storage device comprising:

an actuator disposed in a data reading and writing relationship with a rotating disc; and

a device for attenuating flow-induced disturbances acting on the actuator by steps for redirecting an airflow upstream of the actuator.

25. (Withdrawn) The device of claim 24 wherein the steps for redirecting is characterized by receiving a portion of a tangential airflow generated by the rotating disc.

26. (Withdrawn) The device of claim 25 wherein the steps for redirecting is characterized by redirecting the portion of the tangential airflow toward an inner diameter of the disc.

27. (Withdrawn) The device of claim 26 wherein the steps for redirecting is characterized by combining the redirected portion of the tangential airflow with the rest of the tangential airflow.

28. (Withdrawn) The device of claim 27 wherein the steps for redirecting is characterized by passing the combined airflows across a leading edge of the actuator.